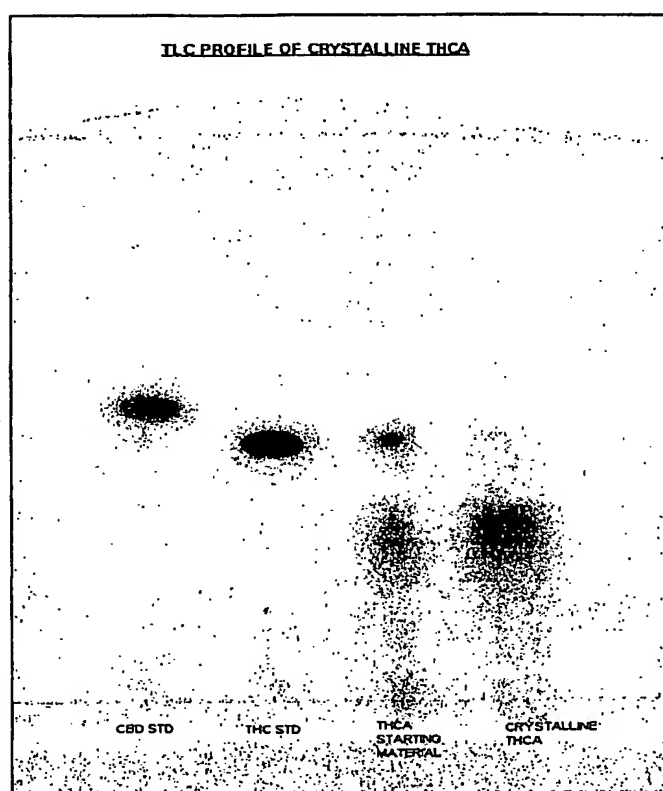
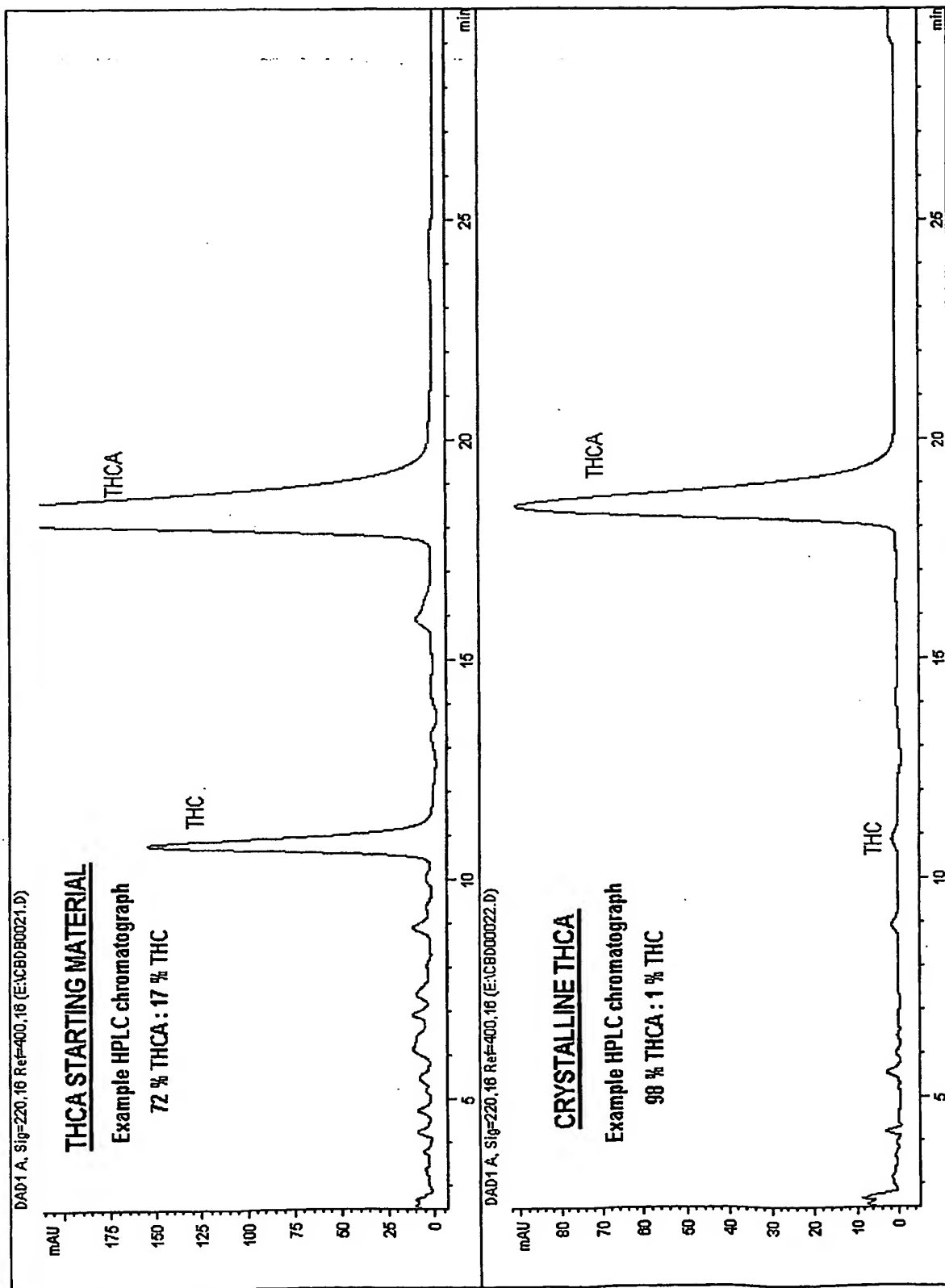


10/528954

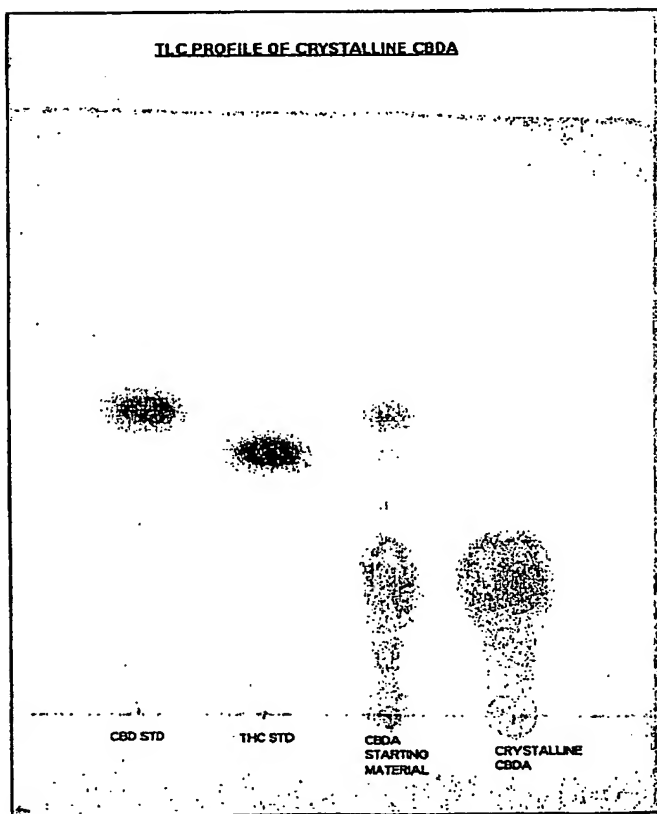
**Figure 1:** TLC profile of G1 chemovar starting material and purified THCA



**FIGURE 2: HPLC profiles of G1 chemovar starting material and purified d9 THCA**

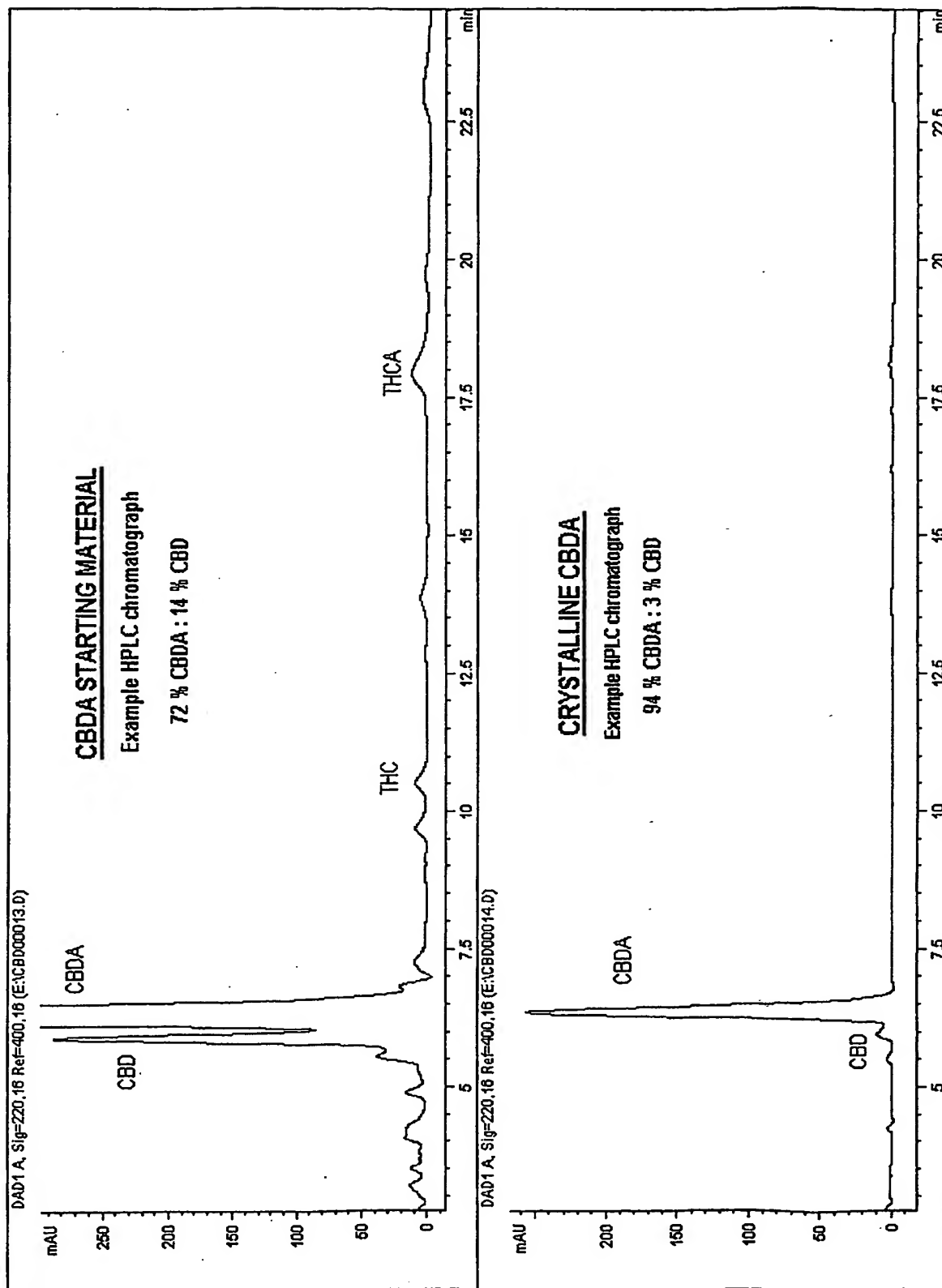


**Figure 3:** TLC profile of G5 chemovar starting material and purified CBDA



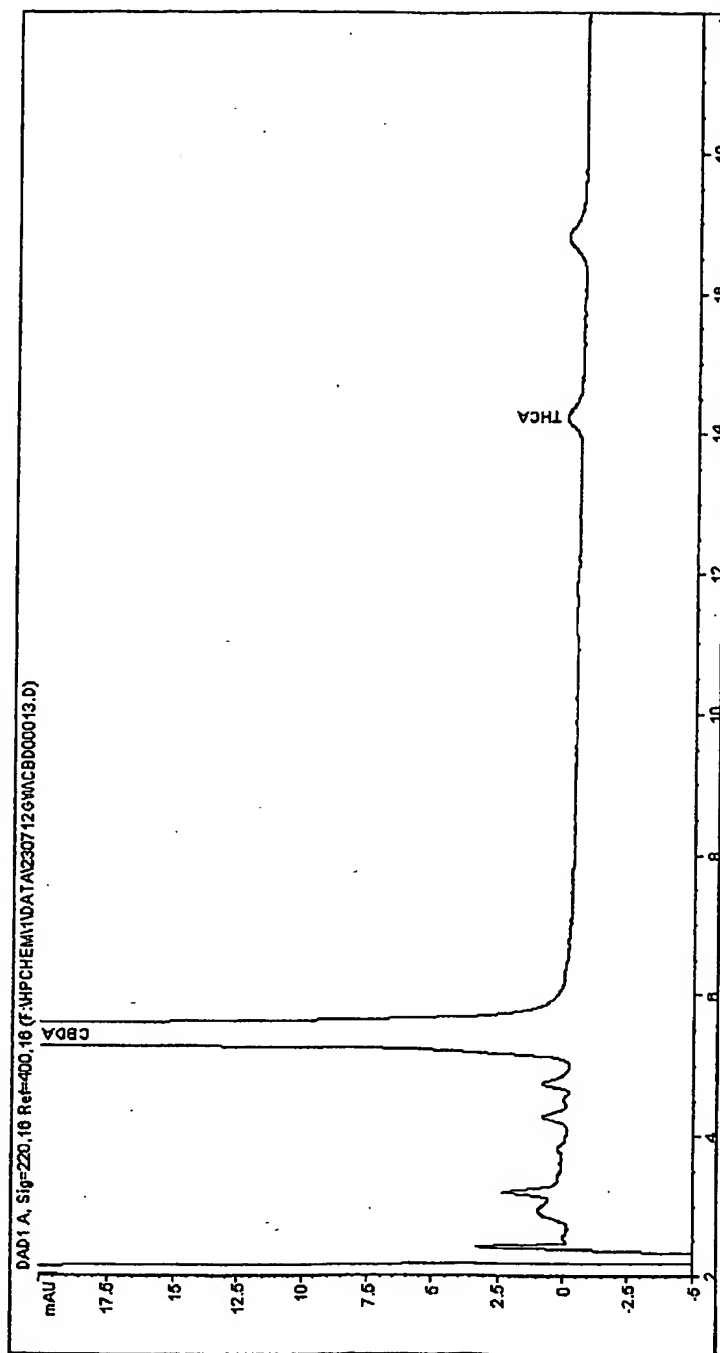
10/528951

FIGURE 4: HPLC profiles of G5 chemovar starting material and purified CBDA

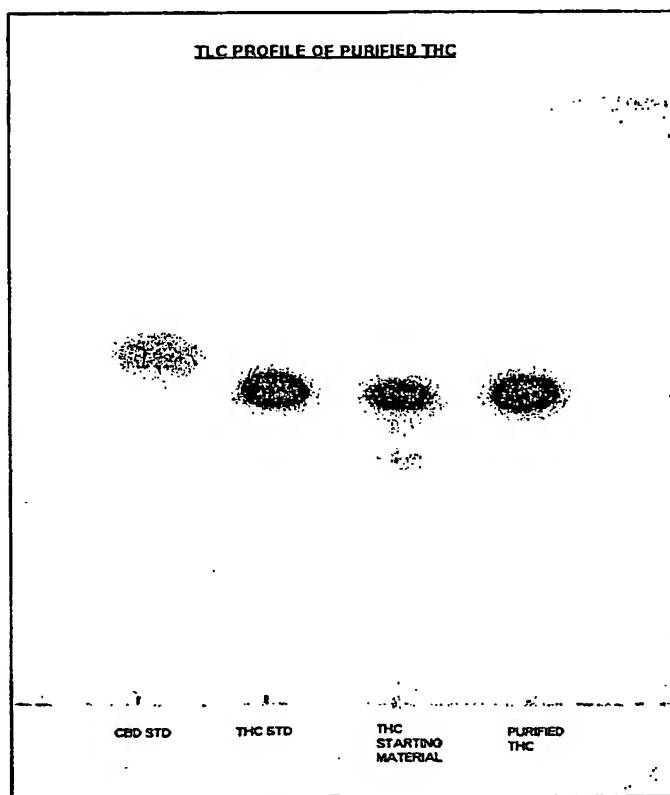


10/528951

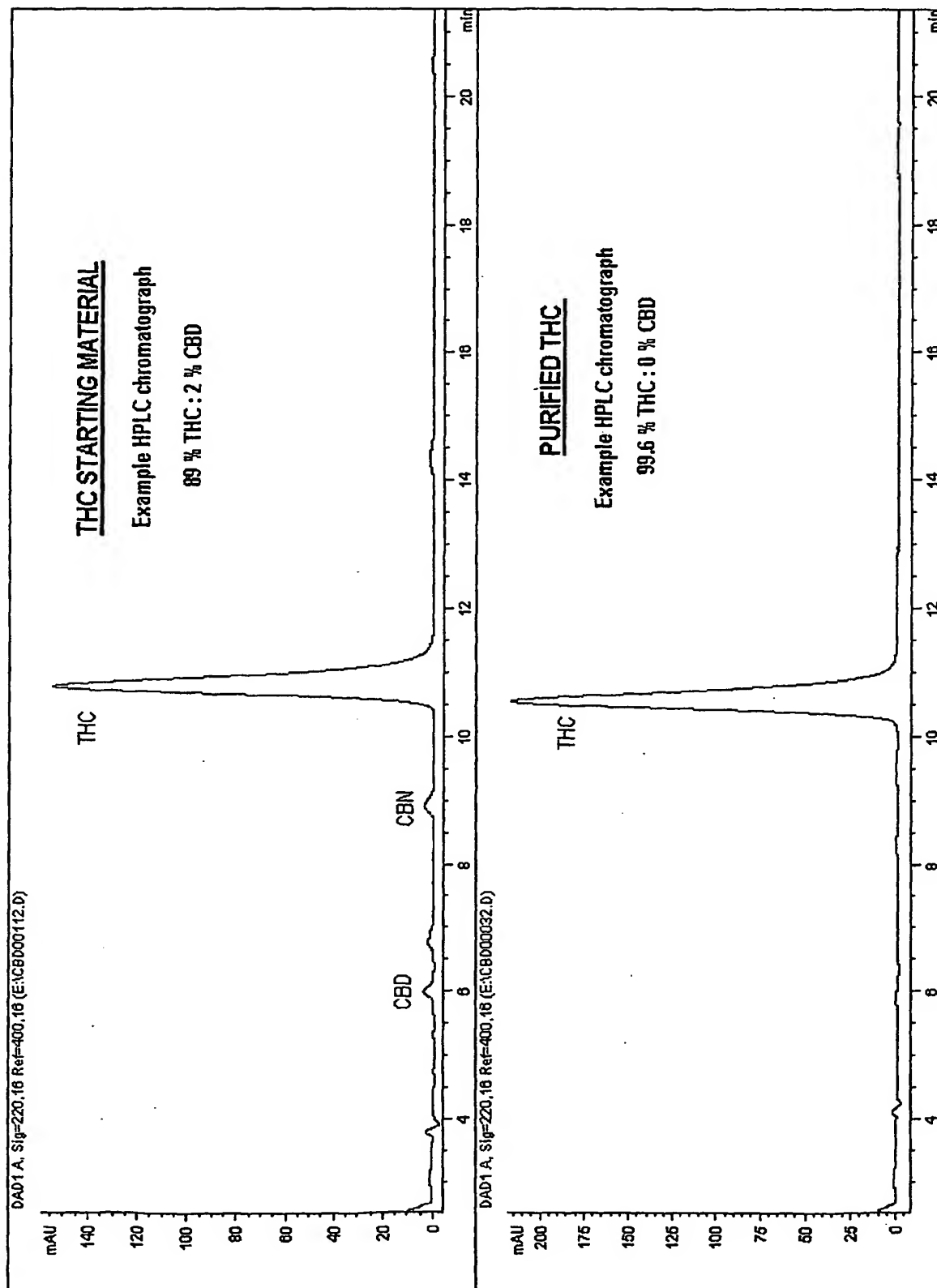
Figure 5 - HPLC profile of colourless CBDA



**Figure 6:** TLC profiles of BDS starting material and purified d9 THC

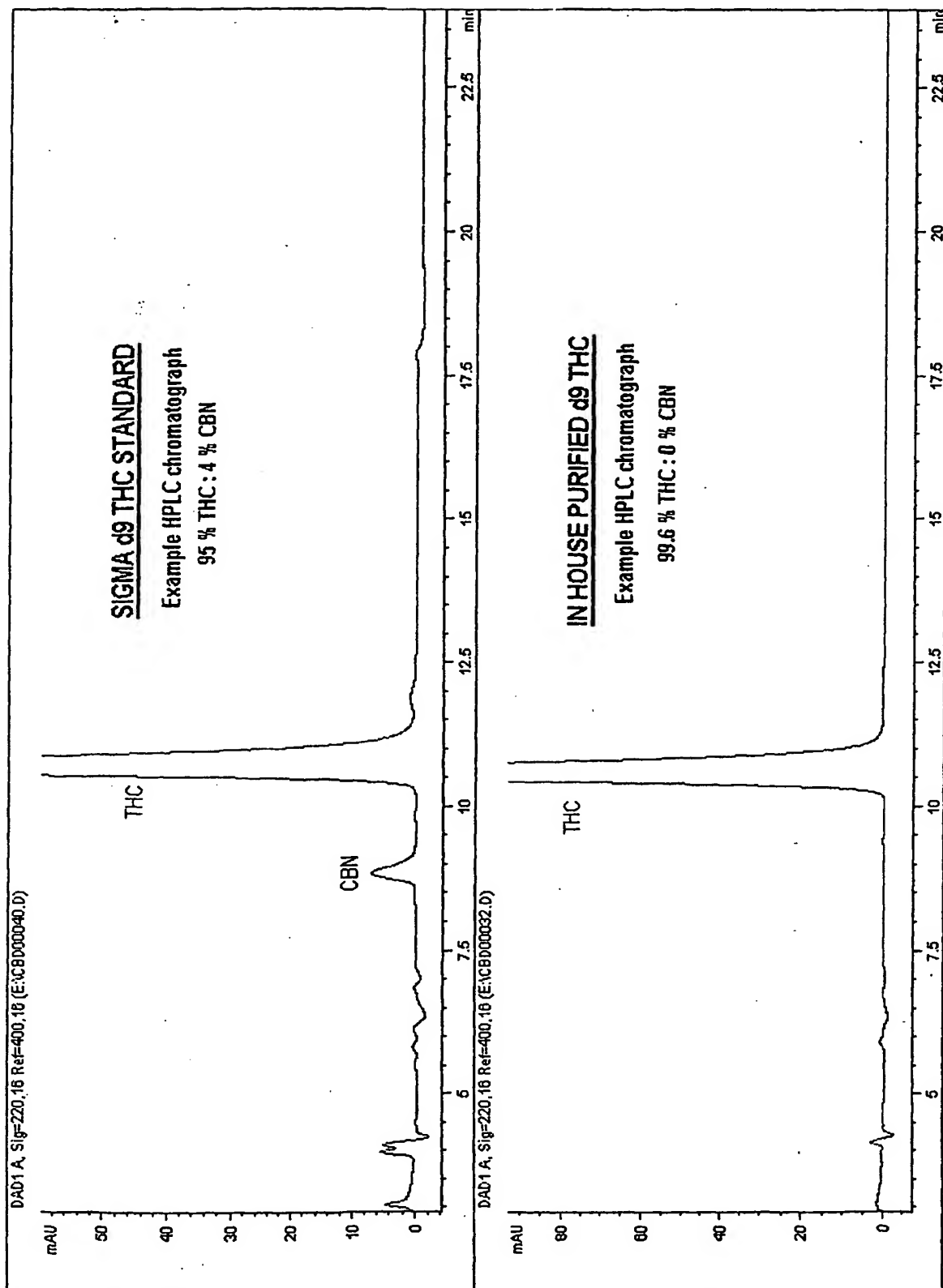


10/528951

**FIGURE 7: HPLC profiles of BDS starting material and purified d9 THC**

10/528951

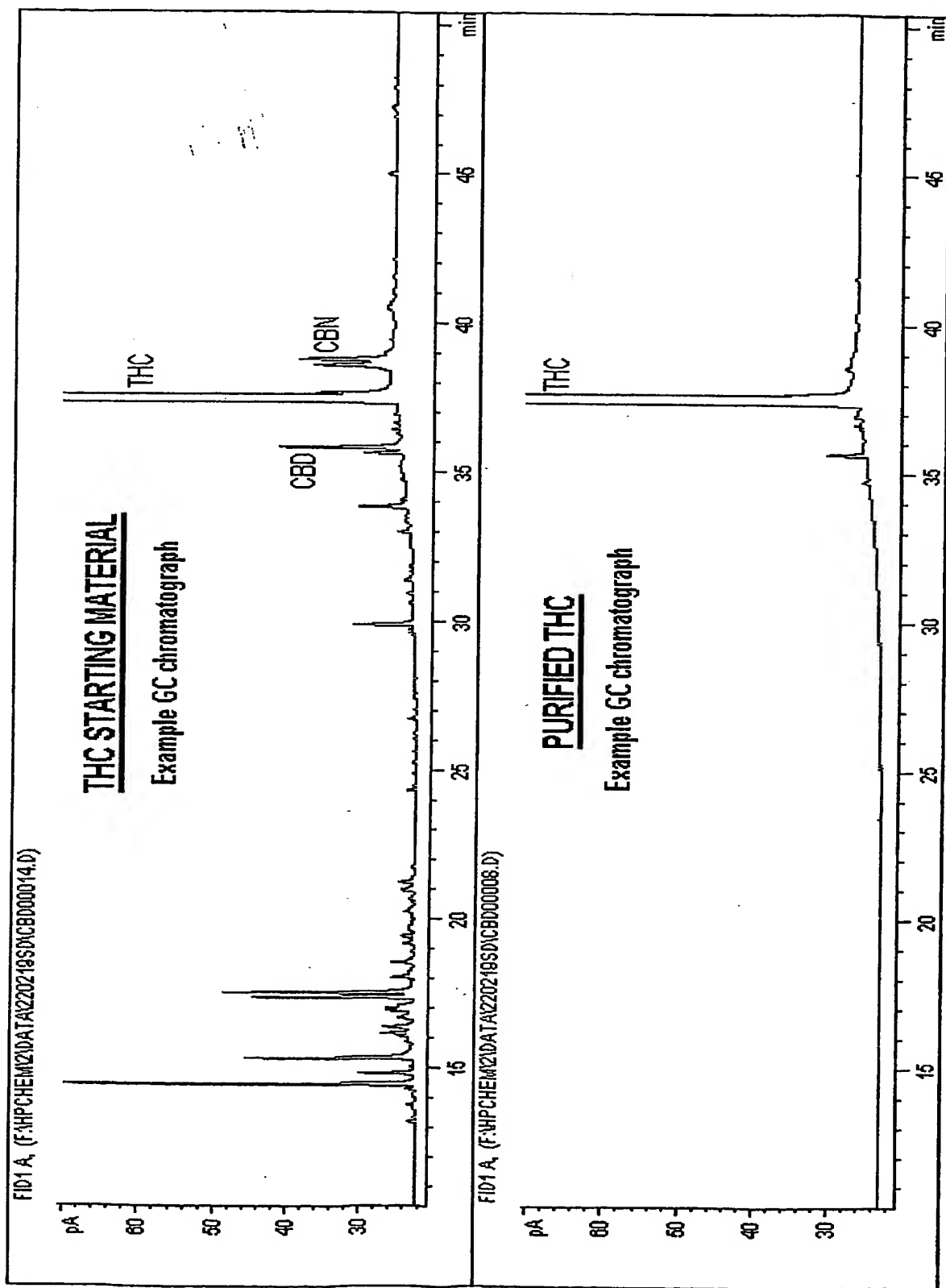
**FIGURE 8: Comparison of HPLC profiles of commercially available d9 THC standard (ex Sigma) and in house purified d9 THC**



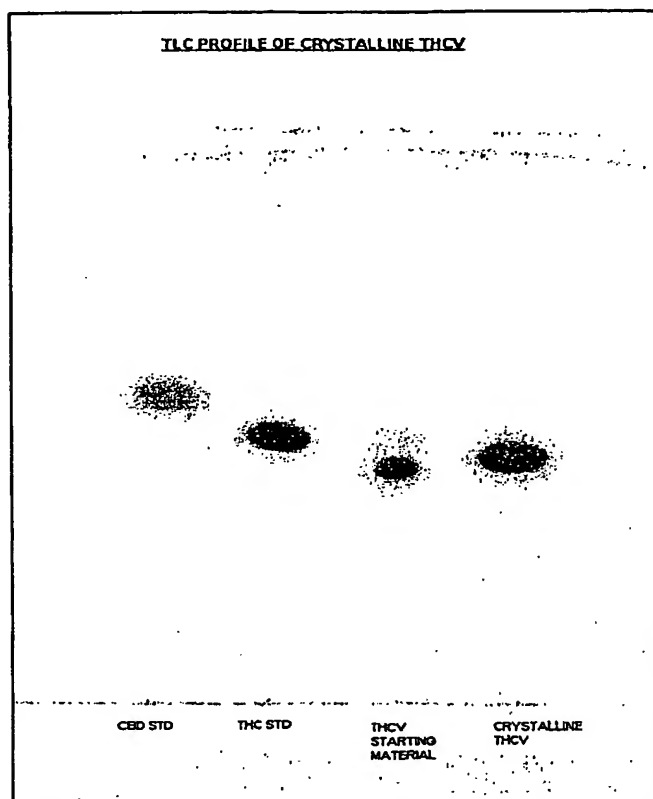


10/528951

**FIGURE 9: GC profiles of BDS starting material and purified d9 THC**

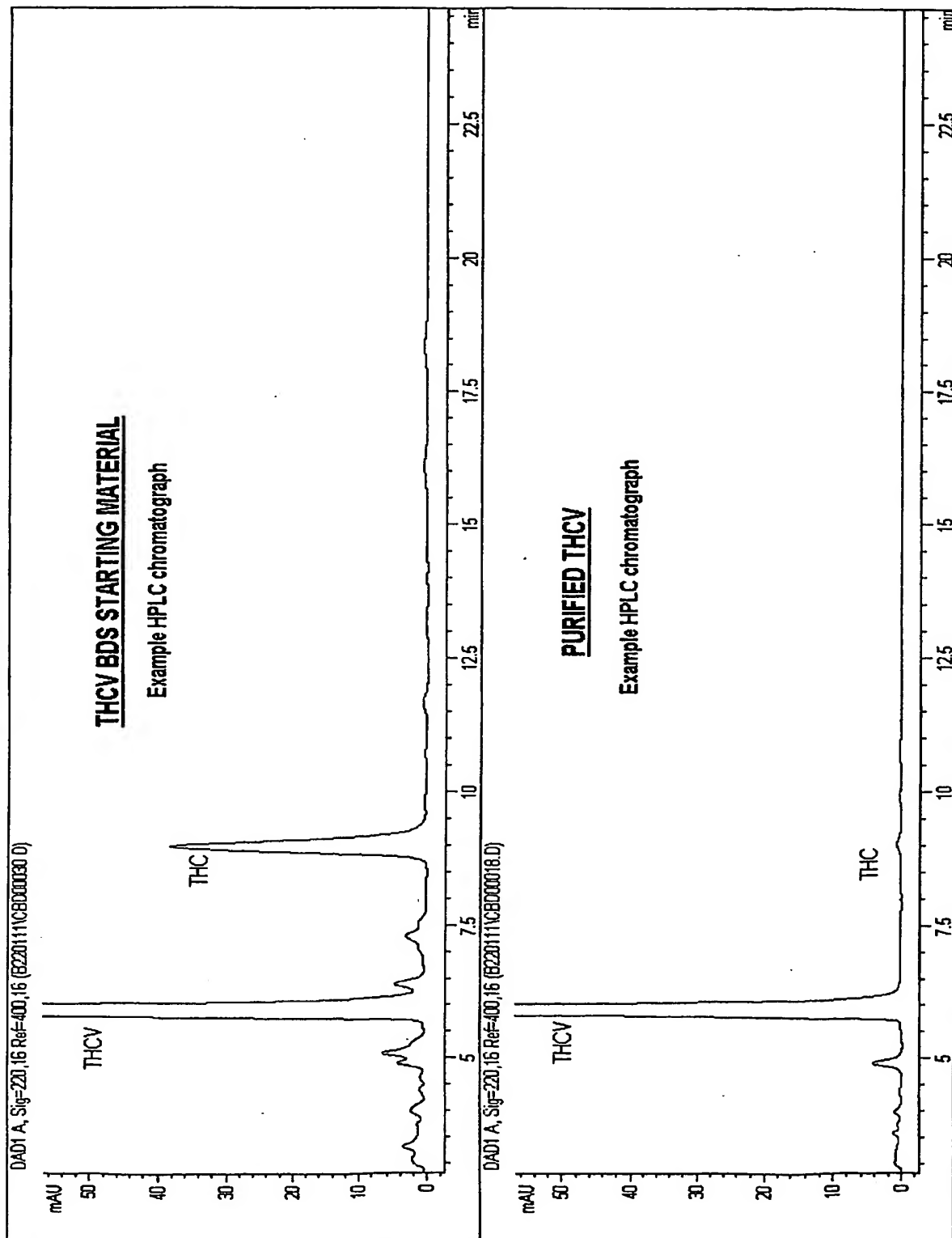


**Figure 10:** TLC profiles of BDS starting material and purified d9 THCV



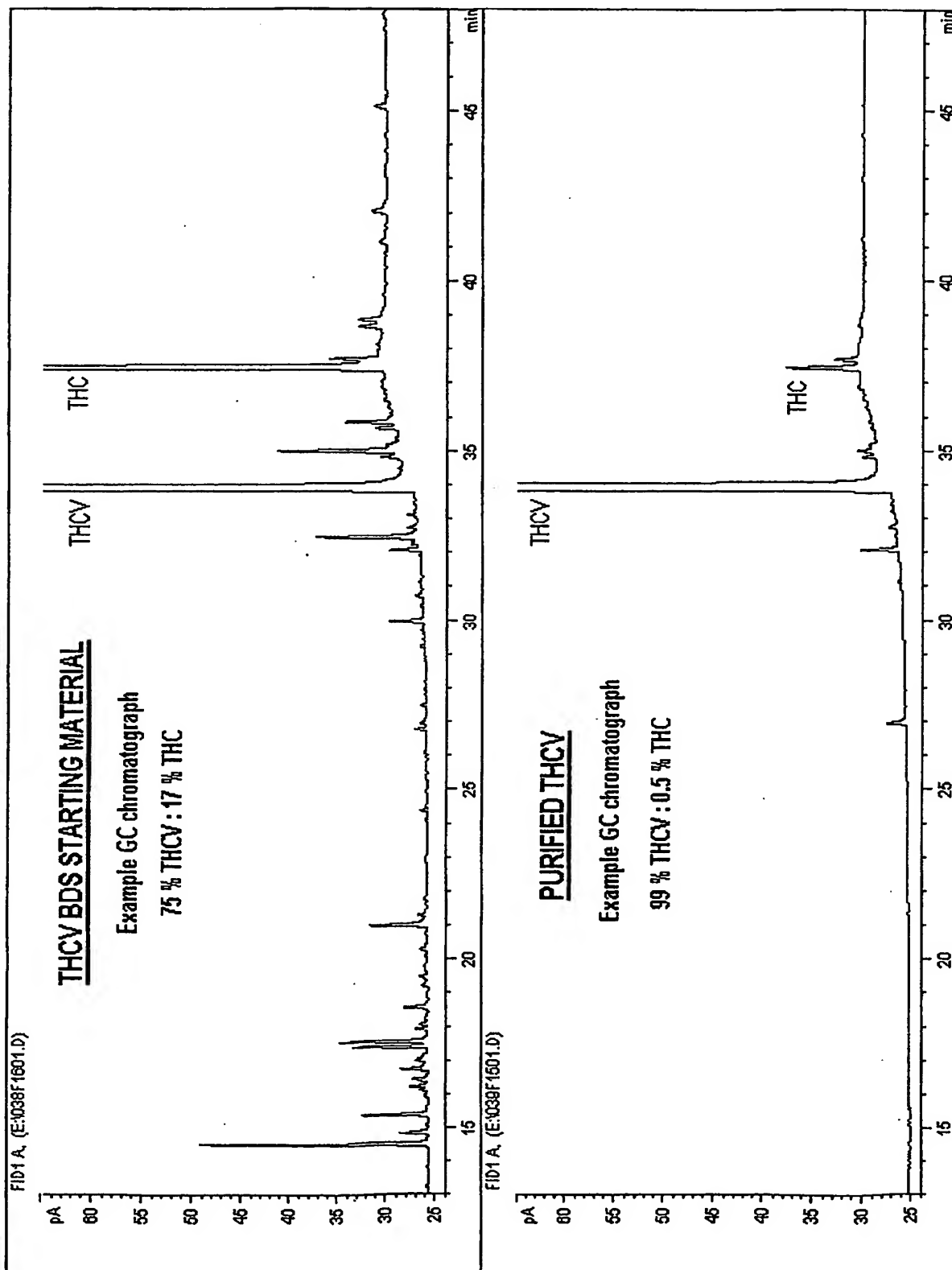
10/528951

**FIGURE 11: HPLC profiles of BDS starting material and purified d9 THC**



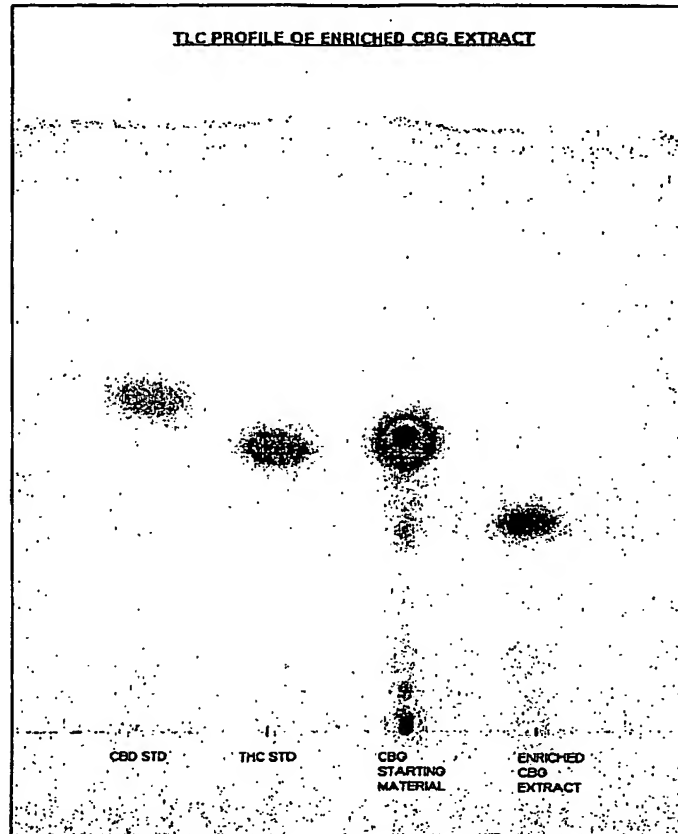
10/528951

**FIGURE 12: GC profiles of BDS starting material and purified d9 THC**



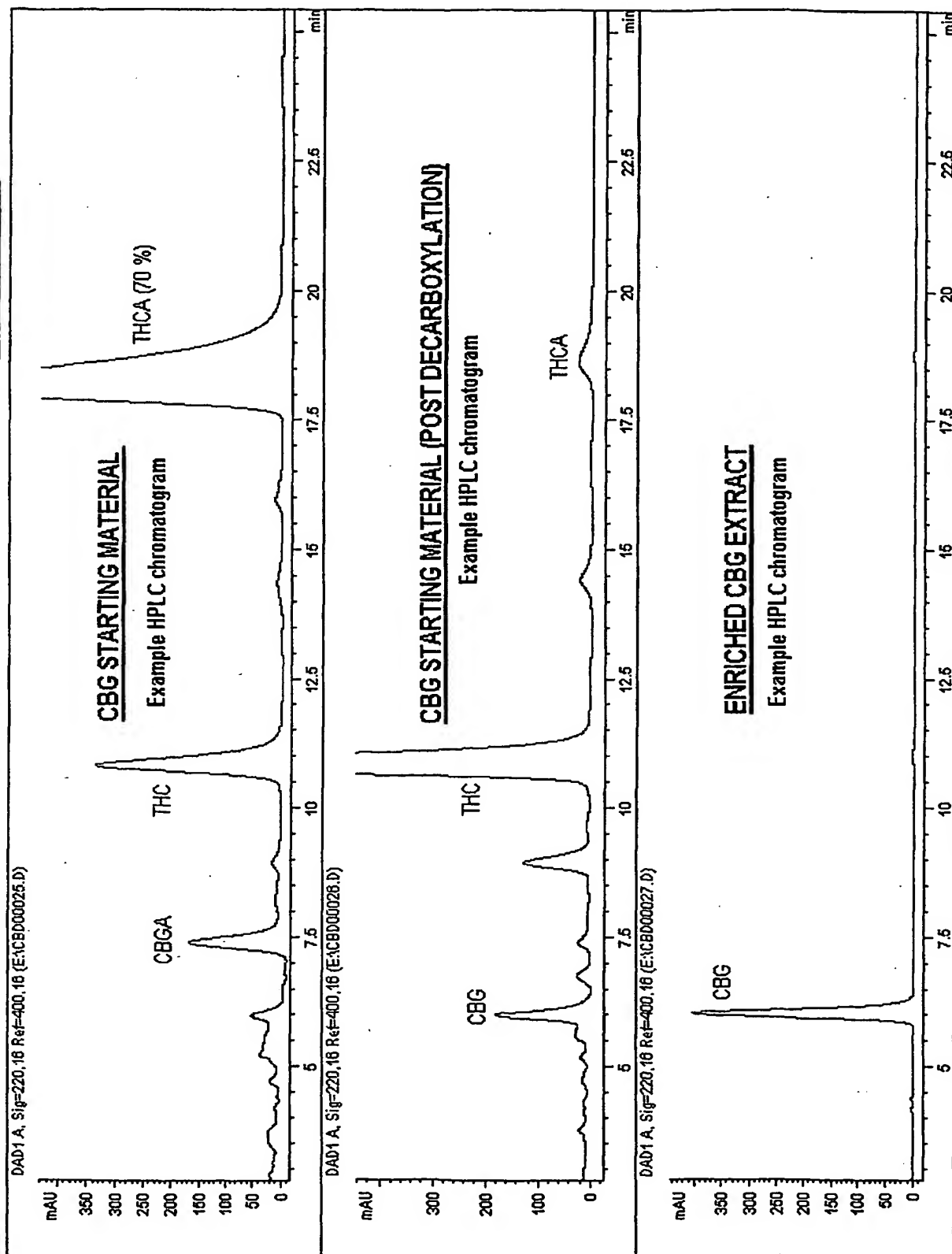
10/528951

**Figure 13:** TLC profiles of G41chemovar starting material (post decarboxylation) and enriched CBG extract.



10/528951

**FIGURE 14: HPLC profiles of G41 chemovar starting material, pre and post decarboxylation, and enriched CBG extract**



10/528951

**Figure 15 - HPLC profile of colourless solution CBG preparation**

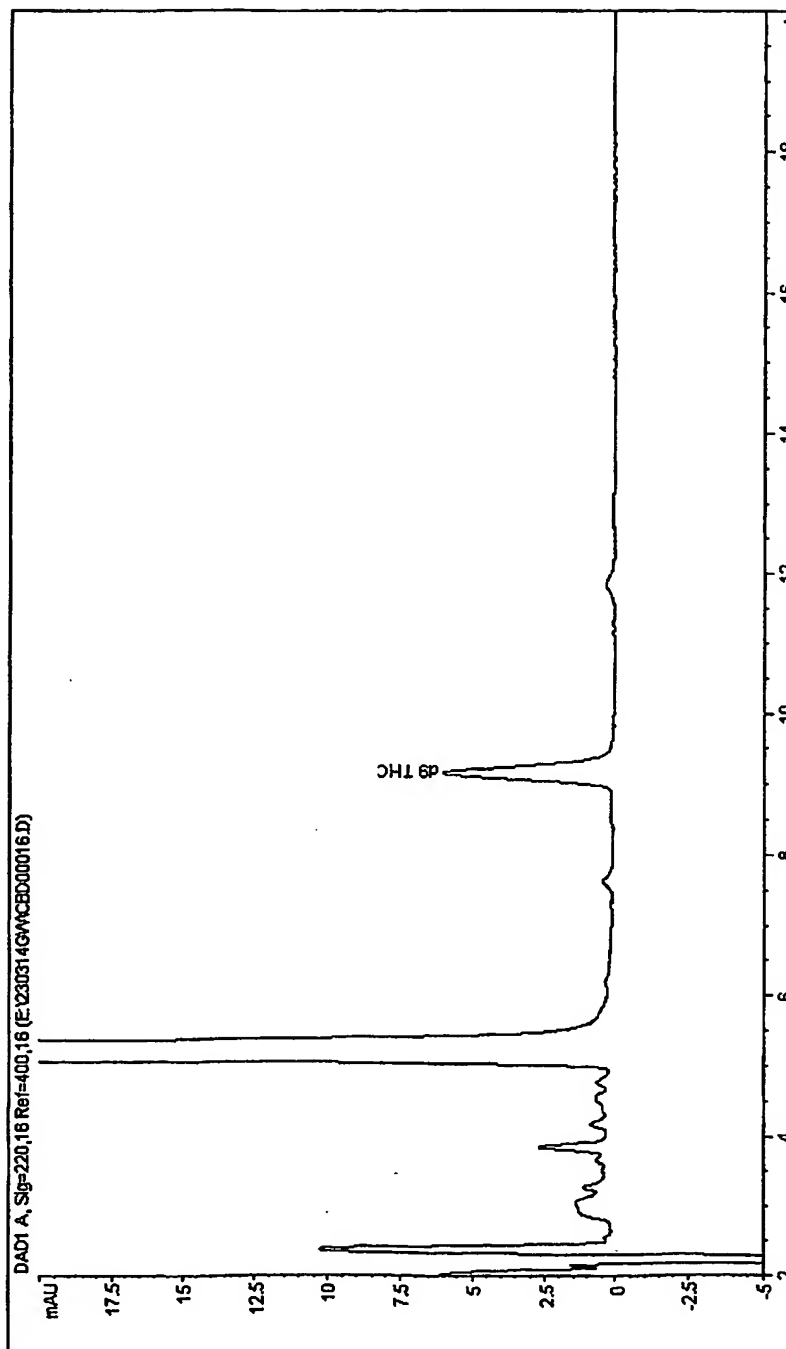
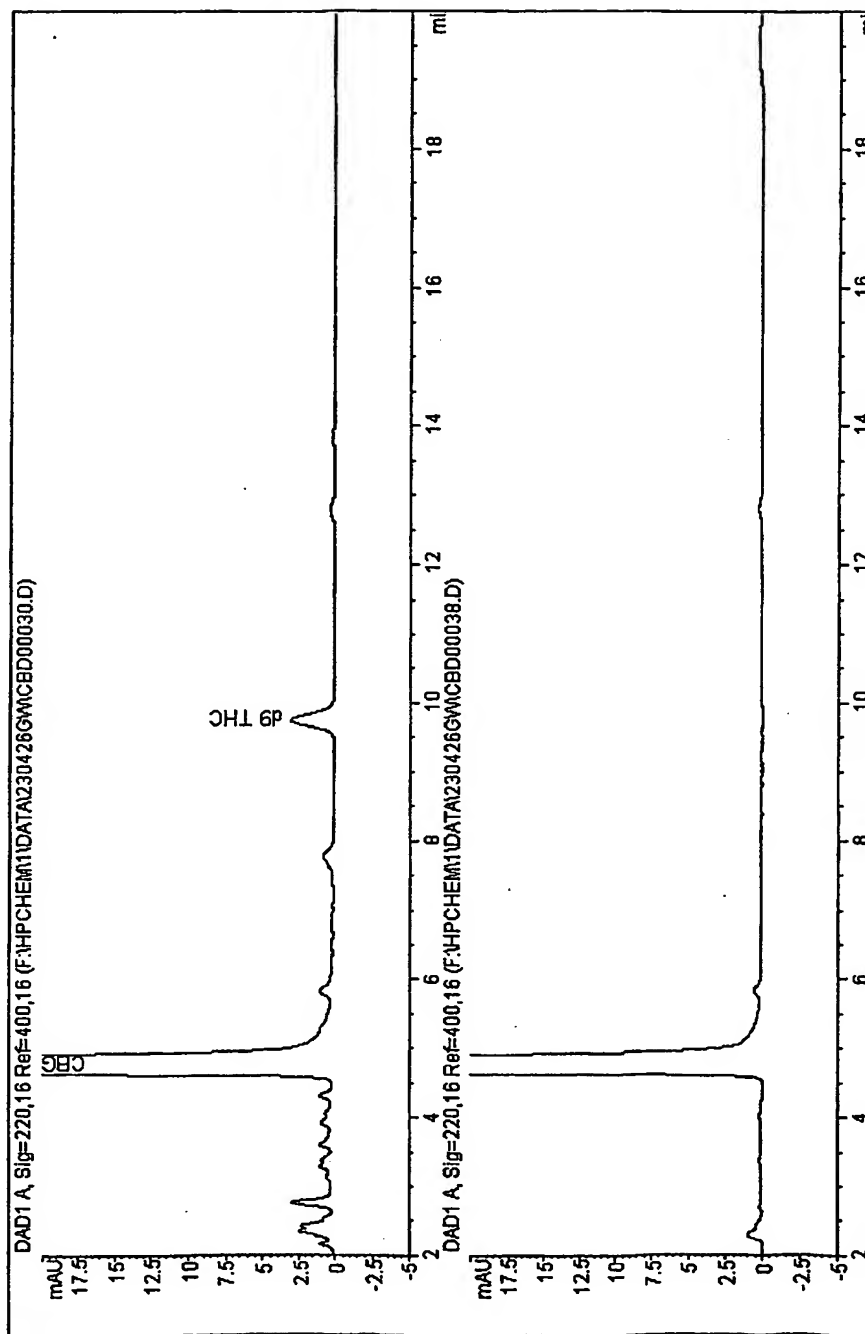


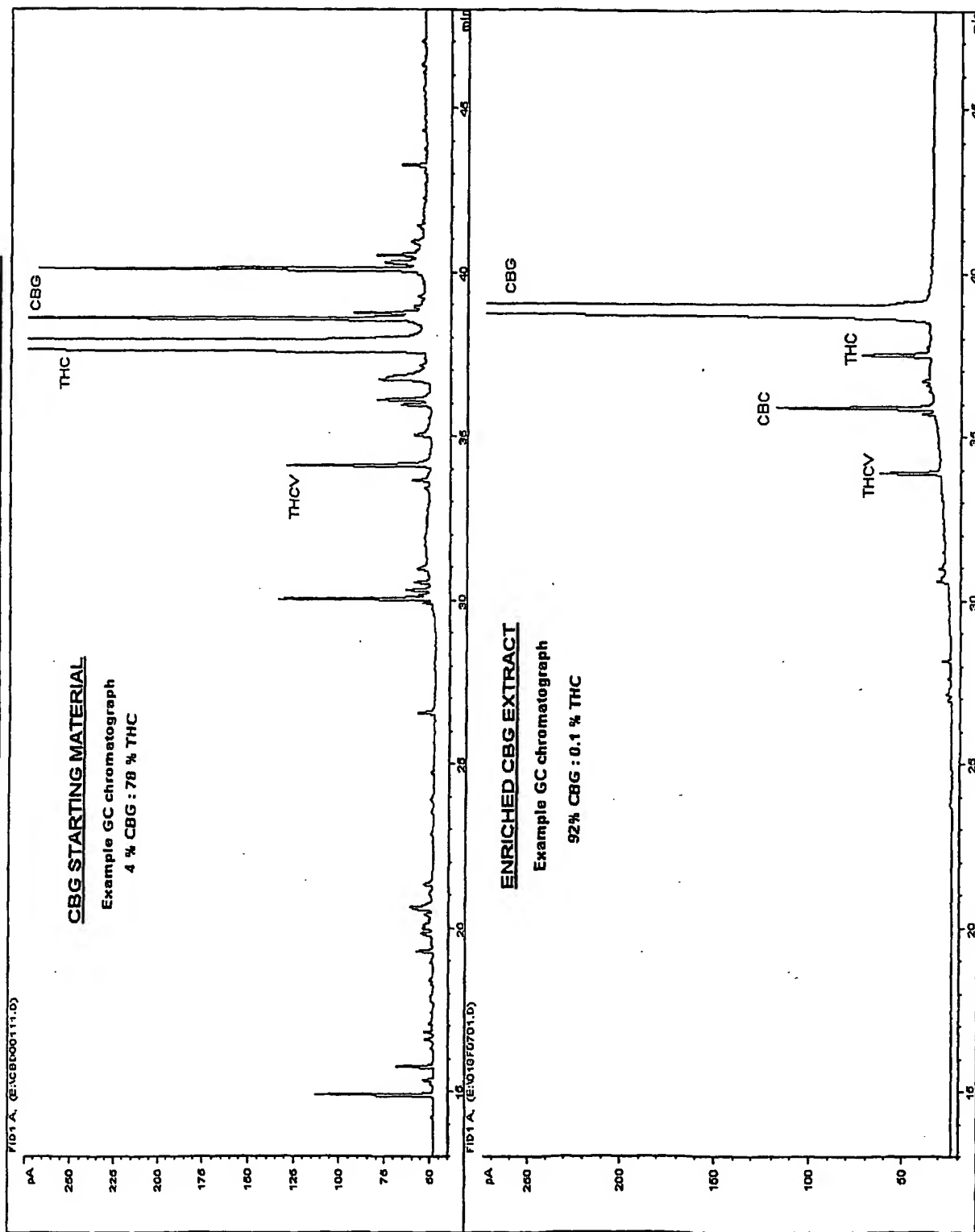
Figure 16 - HPLC profile of further flash chromatography purified CBG preparation compared to improved purity CBG





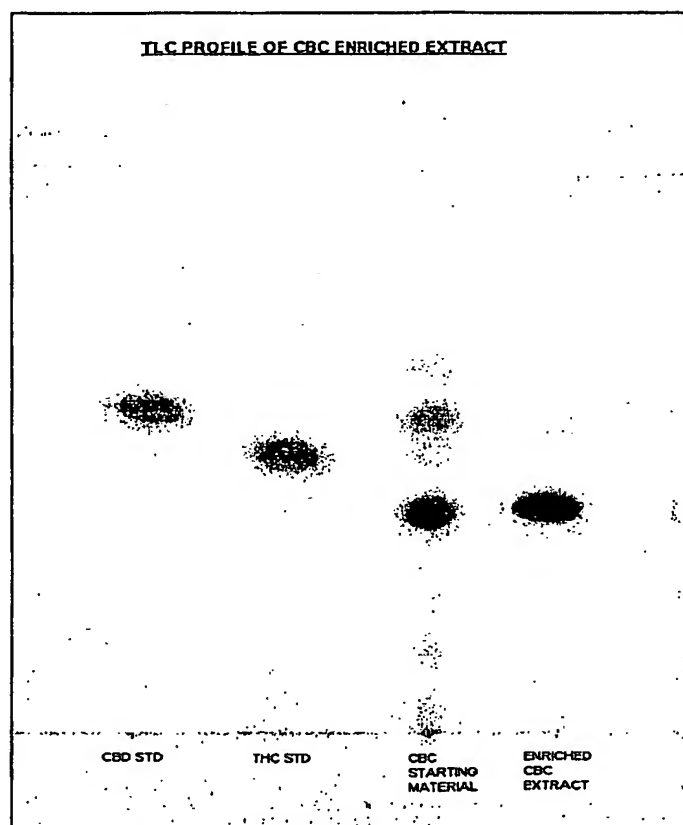
10/528951

FIGURE 17: GC profiles of G41 chemovar starting material (post decarboxylation) and enriched CBG extract.



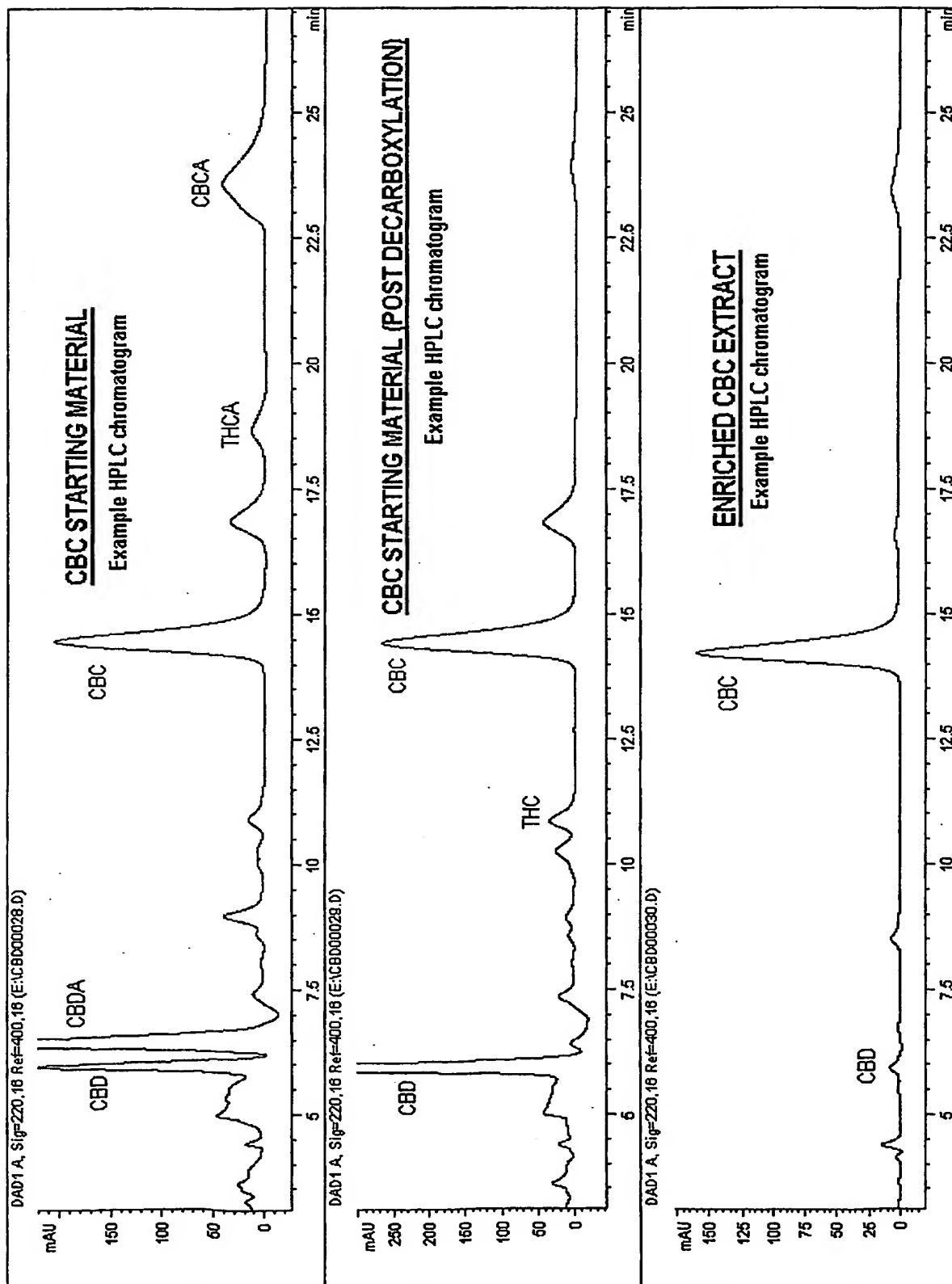
10/528951

**Figure 18:** TLC profiles of G80 chemovar starting material (post decarboxylation) and enriched CBC extract.



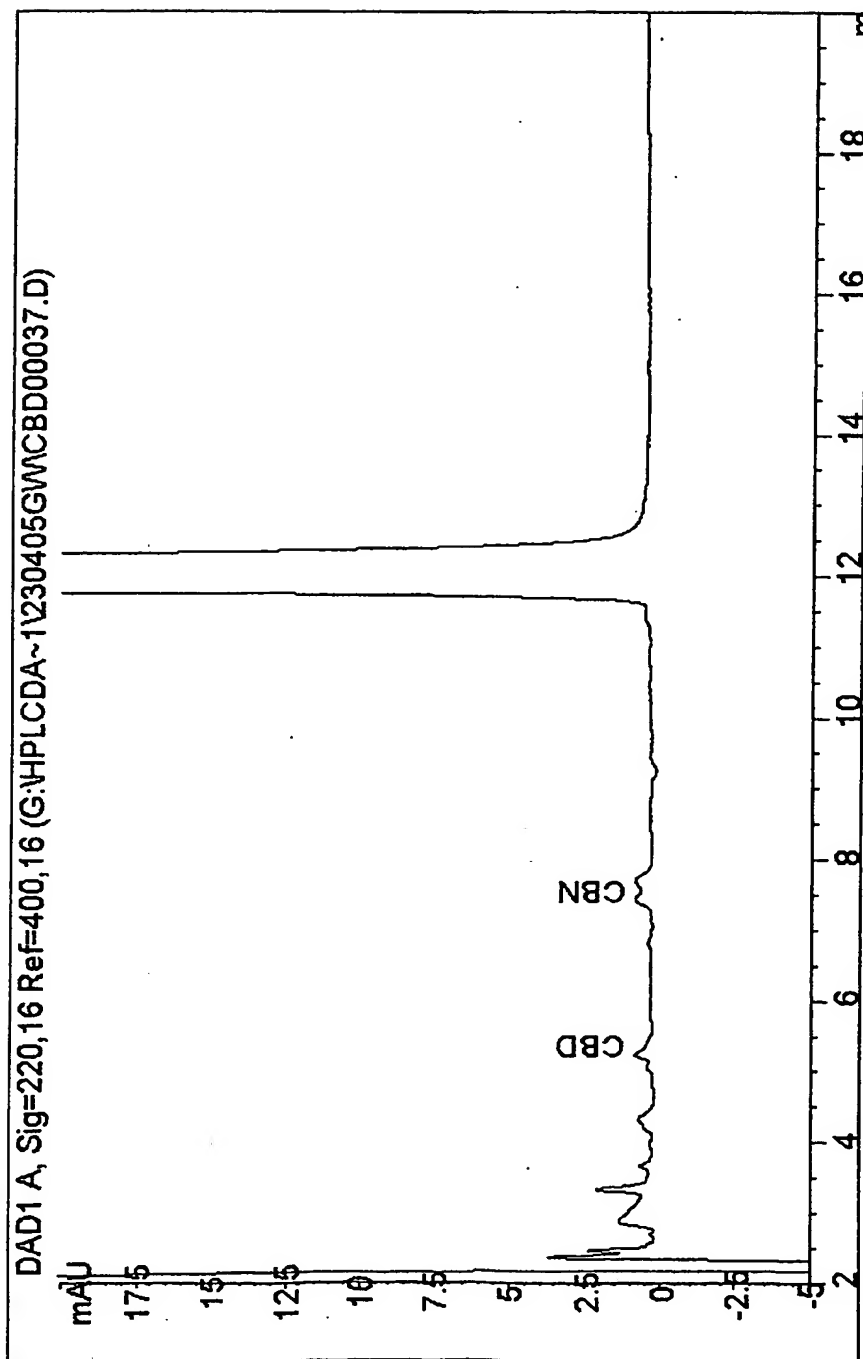
10/528951

**FIGURE 19: HPLC profiles of G80 chemovar starting material, pre and post decarboxylation, and enriched CBC extract.**



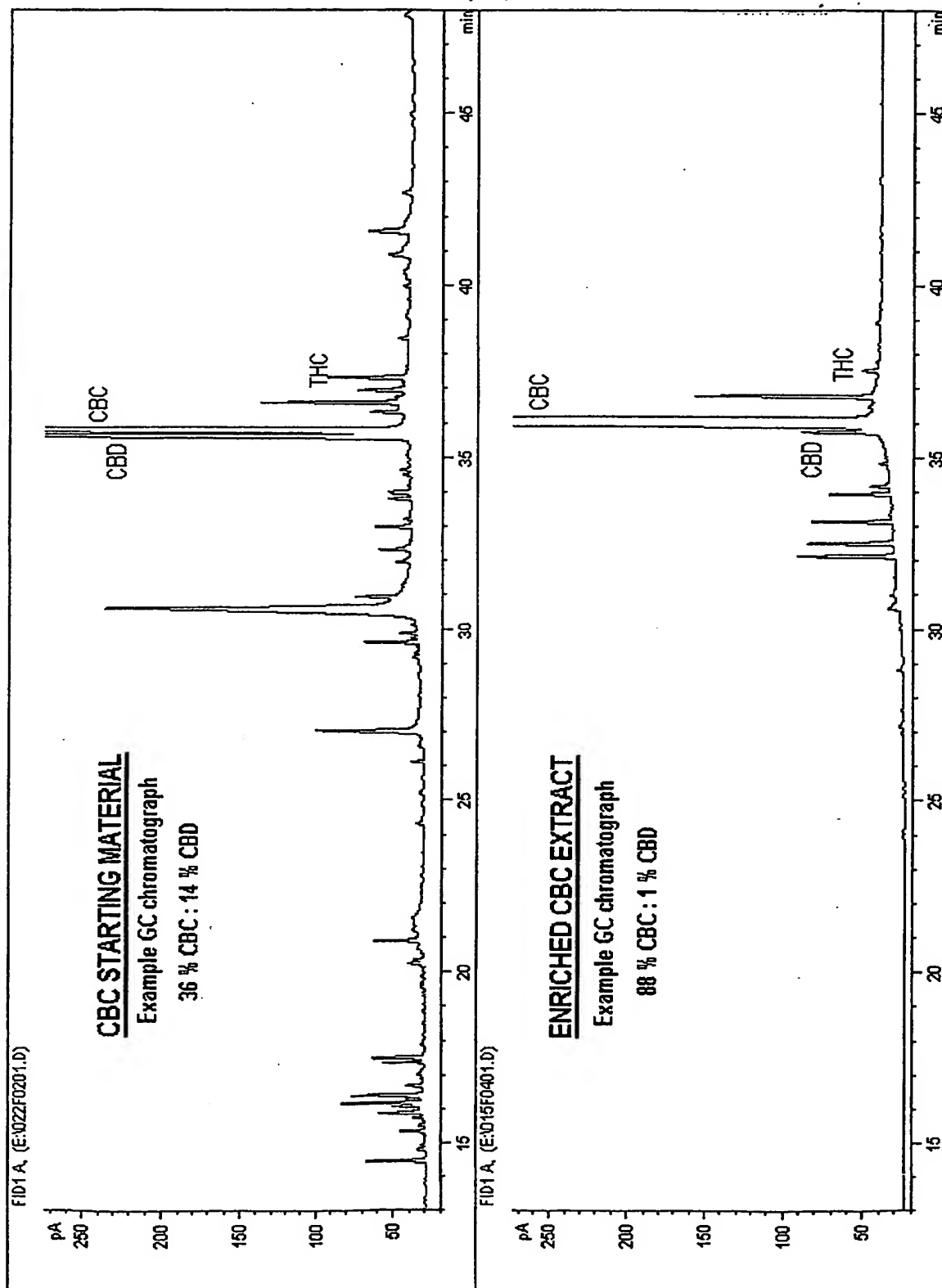
10/528951

Figure 20 - HPLC profile of colourless solution CBC preparation



10/528951

**FIGURE 21: GC profiles of G80 chemovar starting material (post decarboxylation) and enriched CBC extract.**



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**